

WHAT IS CLAIMED IS:

1. A seal pattern structure for a liquid crystal display panel, comprising:
a substrate having at least one image display part;
a start pattern formed from a point spaced apart from the image display part to a point adjacent to an outer edge of the image display part;
a main pattern connected to the start pattern and encompassing the outer edge of the image display part; and
an end pattern connected to the main pattern and formed from the outer edge of the image display part to a point spaced apart from the image display part,
wherein a connection part between the start pattern and the main pattern and a connection part between the main pattern and the end pattern cross each other.
2. The structure of claim 1, wherein the substrate is one of a first large-scale mother substrate having a plurality of thin film transistor array substrates and a second large-scale mother substrate having a plurality of color filter substrates.
3. The structure of claim 1, wherein liquid crystal is supplied in the image display part.
4. The structure of claim 1, wherein the liquid crystal is dispensed onto the substrate in the image display part.
5. The structure of claim 1, further comprising:
an additional substrate attached to the substrate.

6. The structure of claim 5, wherein liquid crystal is dispensed onto the additional substrate.

7. The structure of claim 1, wherein the start pattern, the main pattern and the end pattern are formed of UV-hardening sealant.

8. The structure of claim 1, wherein the start pattern, the main pattern and the end pattern are formed of a mixture of UV-hardening sealant and thermosetting sealant.

9. The structure of claim 1, wherein the start pattern, the main pattern and the end pattern are connected in a round form.

10. The structure of claim 1, wherein the start pattern and the end pattern are formed to be substantially parallel to each other.

11. The structure of claim 1, wherein the start pattern and the end pattern are formed to be substantially symmetric with each other.

12. The structure of claim 1, wherein a distance between the start pattern and the end pattern gradually increases with the distance from the connection part.

13. The structure of claim 12, wherein the distance between the start pattern and the end pattern gradually increases until the distance therebetween is a predetermined distance.

14. The structure of claim 1, wherein the start pattern and the end pattern are branched from the crossing between the connection part of the start pattern and the main pattern and the connection part of the main pattern and the end pattern, and each end of the start pattern and the end pattern meet each other.

15. A method of forming a seal pattern on a substrate for a liquid crystal display panel, comprising:

providing a substrate having at least one image display part defined thereon; and

providing a seal pattern surrounding the image display part, wherein the seal pattern has a start portion, a main portion and an end portion, the start portion and the end portion being outside the image display part and the main portion being between the start portion and the end portion.

16. The method of forming a seal pattern of claim 15, wherein providing a seal pattern comprising:

forming the start portion to be rounded to the exterior of the image display part;

forming the main portion contiguous with the start portion, the main portion forming a boundary of the image display part; and

forming the end portion contiguous with the main portion and rounded to the exterior of the image display part, the end portion overlapping the start portion.

17. The method of forming a seal pattern of claim 15, wherein the start portion and the end portion are formed to be substantially parallel to each other.

18. The method of forming a seal pattern of claim 15, wherein the start portion and the end portion are formed to be substantially symmetric with each other.

19. The method of claim 15, wherein a distance between the start portion and the end portion gradually increases with the distance from the connection part.

20. The method of claim 19, wherein the distance between the start portion and the end portion gradually increases until the distance therebetween is a predetermined distance.